Exterior Wood Stud Bracket Installation Instructions

Before You Begin

- Make sure you use proper PPE; steel-toed footwear, work gloves and eye protection.
- Ensure your tools are in good working condition.
- Read & understand all instructions before beginning.

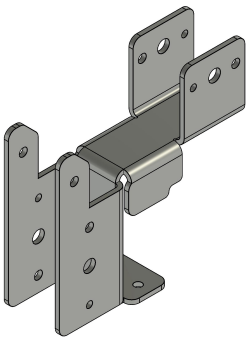


Figure 1 - Two Way Exterior Wood Stud Bracket

What you will need

- 7/32” Drillbit
- 1” Wood Screws
- 3” Wood Screws

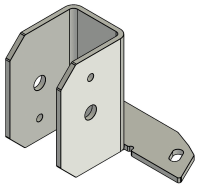


Figure 2 - Bottom Exterior Wood Stud Bracket

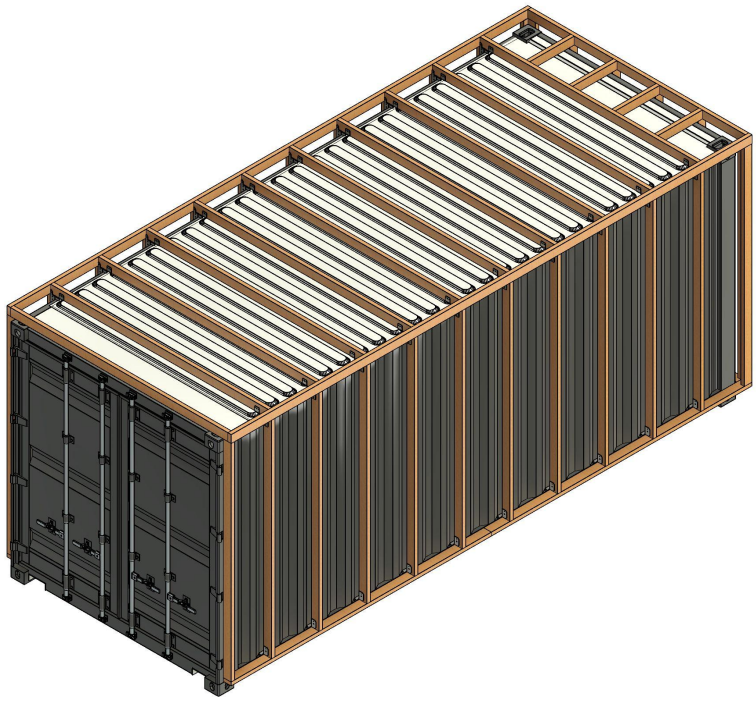
What is included

- Pack of ¼” x 20UNC x ¾” L Thread Cutting Screws
- 20 Two Way Exterior Wood Stud Brackets (fig. 1)
- 28 Bottom Exterior Wood Stud Brackets (fig. 2)

Installation

Before starting the process of installation please take a note that :

- Exterior Wood Stud Brackets are corrugation dependent. They can only be installed on inside corrugations
- The recommended spacing for these brackets is every second inside corrugation
- Ensure corrugation centers are properly marked and that each bracket is placed in the center of each corrugation



Step 1

Mark the centers of every second side wall corrugation. Every container is different so dimensions are approximate. If dimensions don't align with centers of corrugation then make adjustments as needed. (fig. 3)

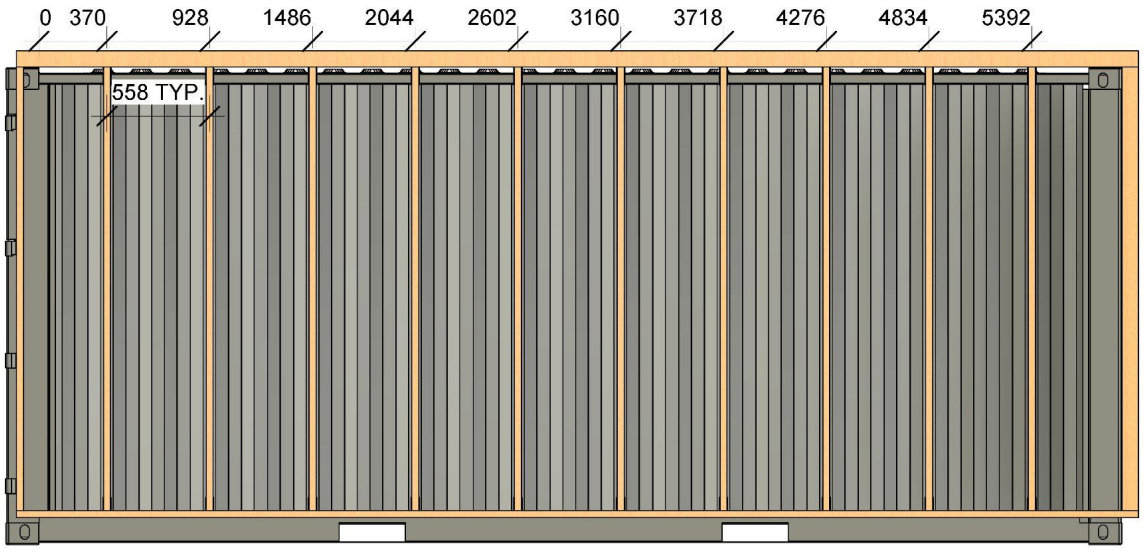


Figure 3 - Side Wall Bracket Spacing

Step 2

Line up the corrugation center mark with the bracket center marker. Place brackets onto the container and mark the hole locations with a marker then drill 7/32" holes on each mark. (fig. 4)

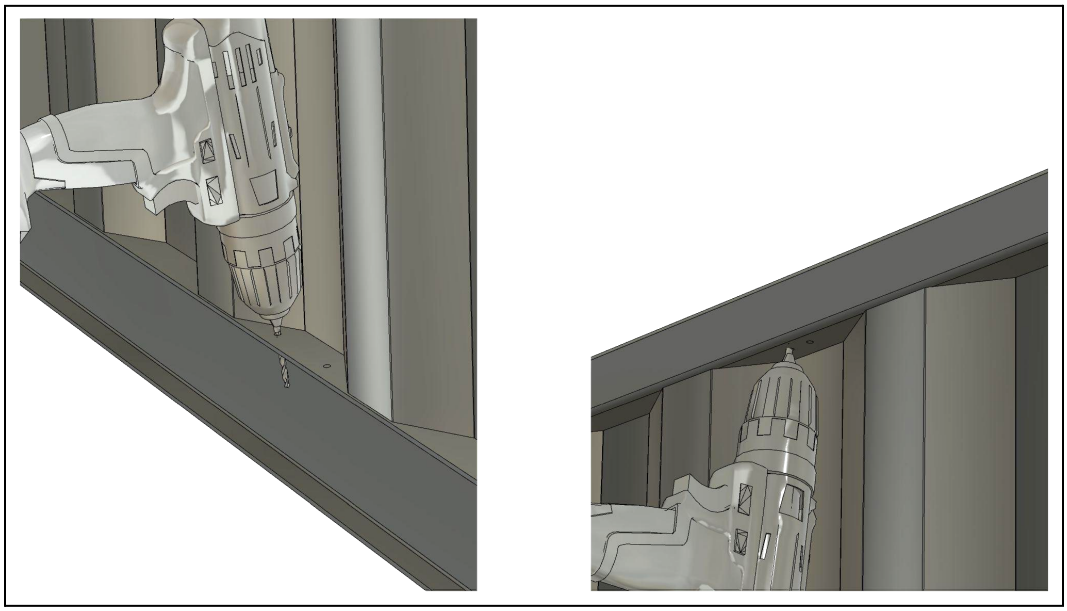


Figure 4 - Side Wall Bracket Holes

Step 3

Fasten brackets to the container with ¼" self threading screws. Place the bottom brackets so that the front edge of the bottom flange is aligned with the front edge of the container channel. (fig. 5)

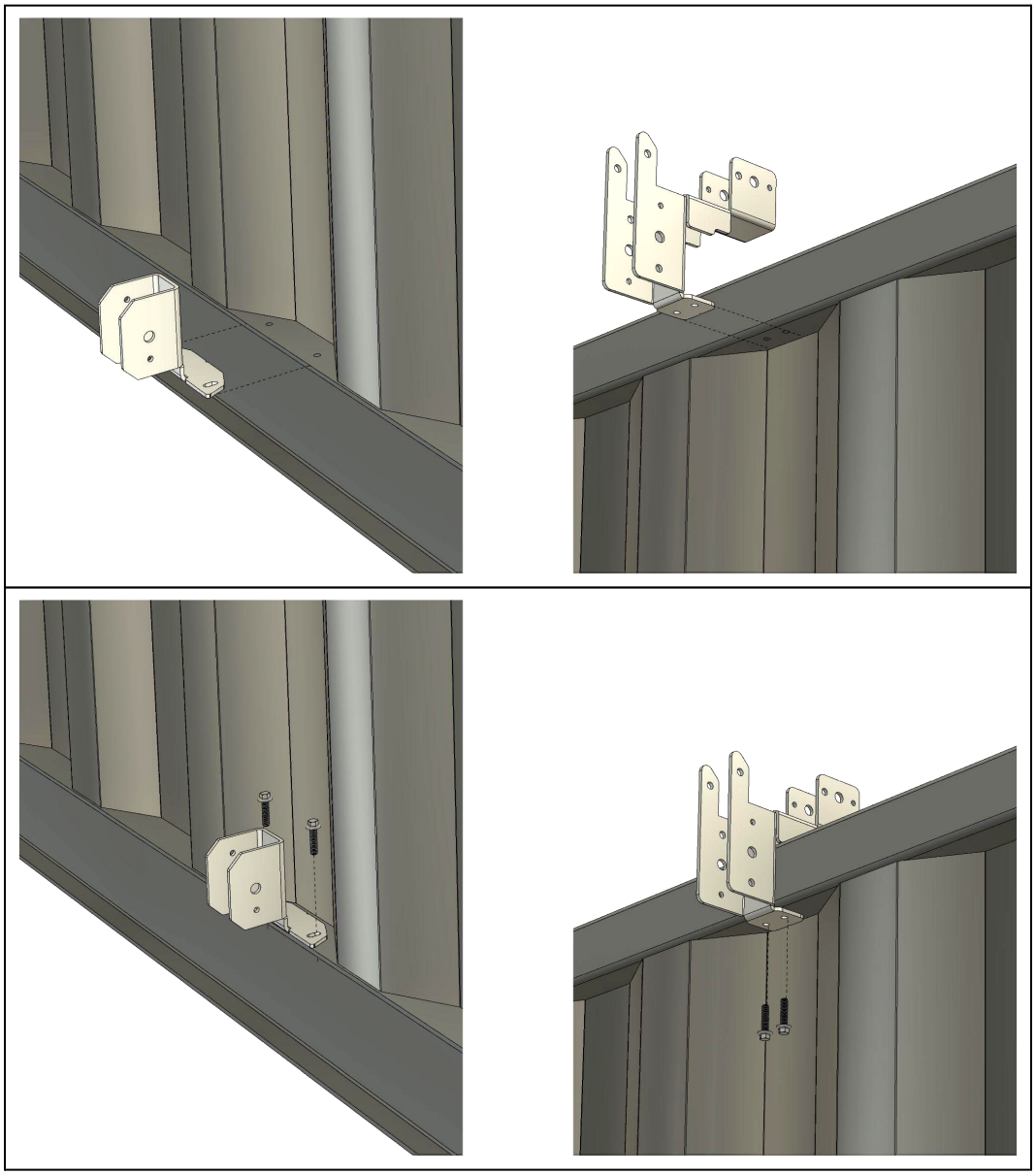


Figure 5 - Side Wall Bracket Installation

Step 4

Place the wall and roof studs into the bracket slots and fasten with 1” wood screws. Align the end of the roof stud with the edge of the top bracket. This will leave room for a stud to be mounted lengthwise along the top edge. Align the bottom of the wall stud to the bottom of the lower bracket’s outward flanges. (fig. 6)

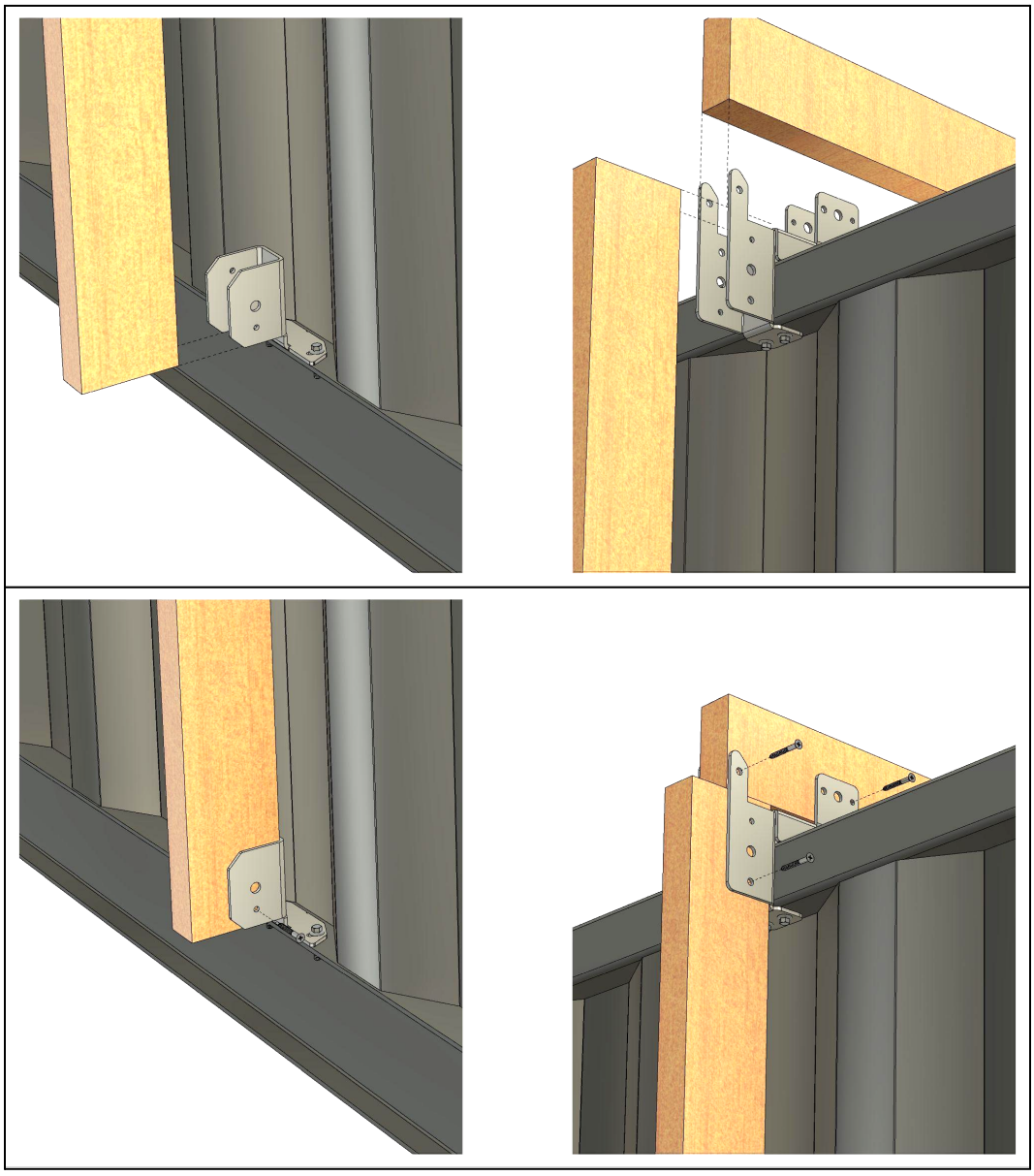


Figure 6 - Side Wall Stud Installation

Step 5

Mark the centers of every second end wall corrugation. Every container is different so dimensions are approximate. If dimensions don't align with centers of corrugation then make adjustments as needed. (fig. 7)

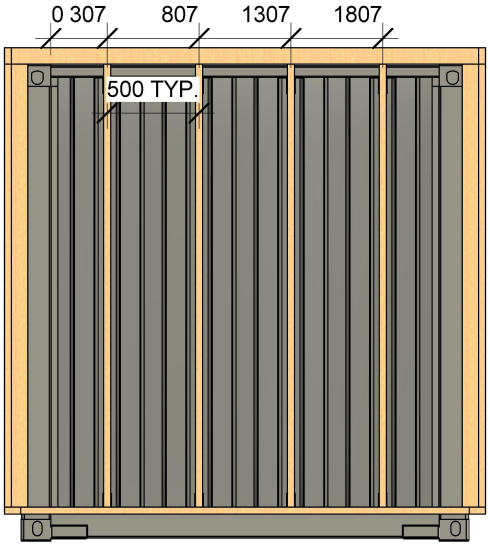


Figure 7 - End Wall Bracket Spacing

Step 6

Use the bottom brackets on the bottom <u>and</u> top tubing of the end wall. Line up the corrugation center mark with the bracket center marker. Mark the bottom and top tubing using the bottom brackets and then drill 7/32" holes on each mark. (fig. 8)

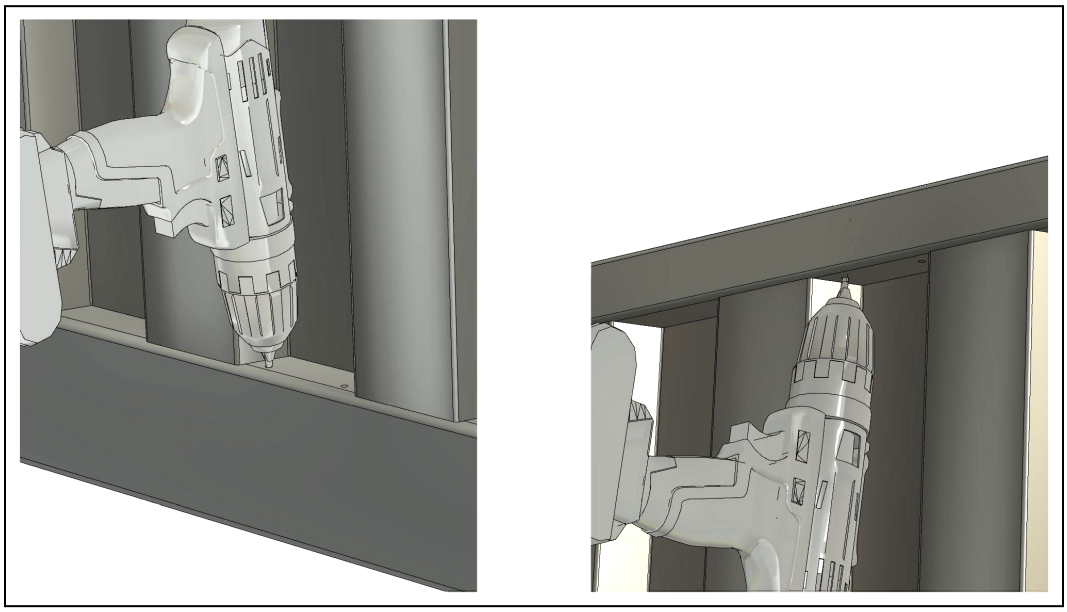


Figure 8 - End Wall Bracket Holes

Step 7

Fasten brackets to the container with ¼” self threading screws. Place the brackets so that the front edge of the bottom flange is aligned with the front edge of the container tubing. (fig. 9)

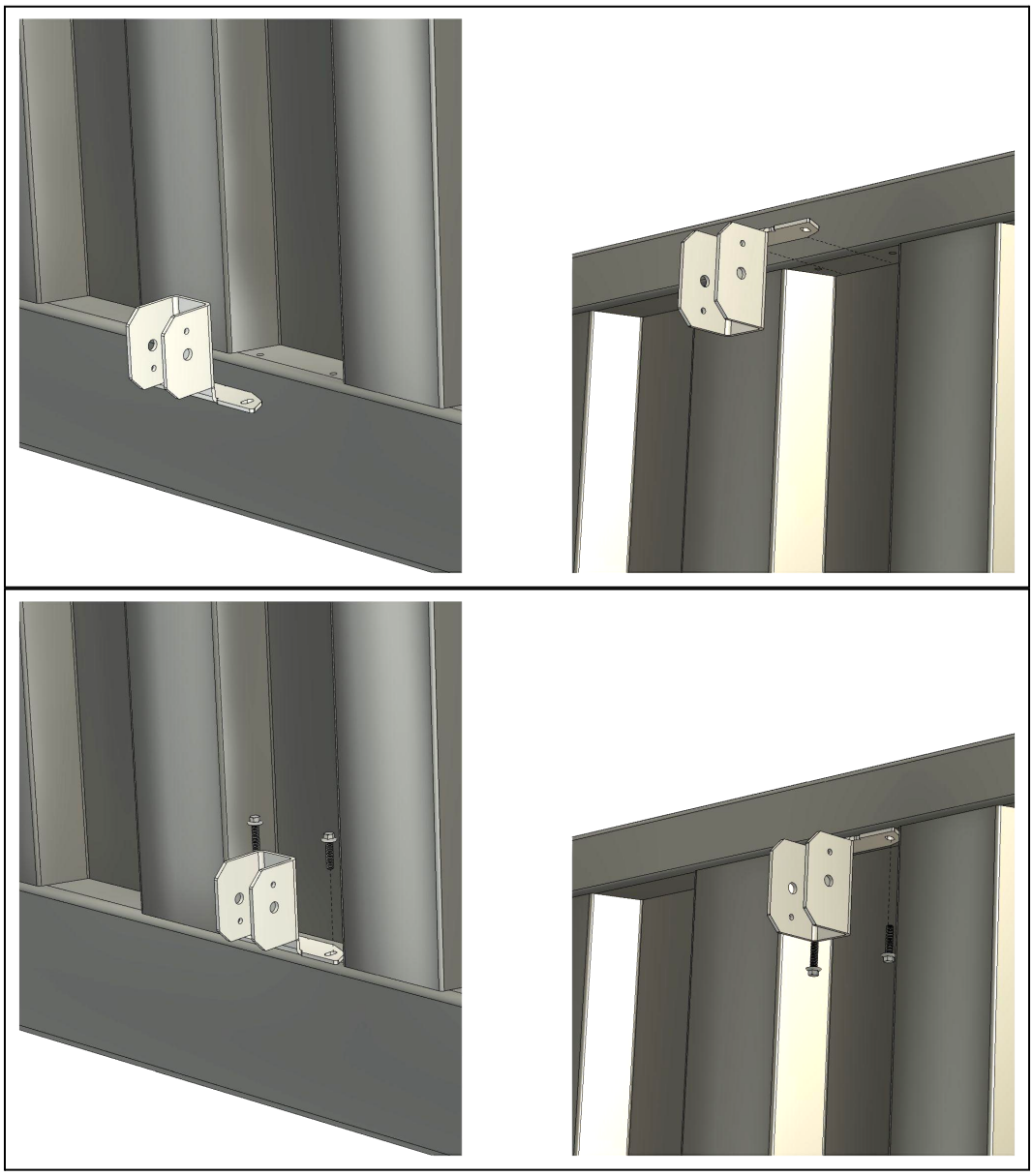


Figure 9 - End Wall Bracket Installation

Step 8

Place the wall studs into the bracket slots and fasten with 1” wood screws. Align the top and bottom of the studs with the top and bottom of the side wall studs. (fig. 10)

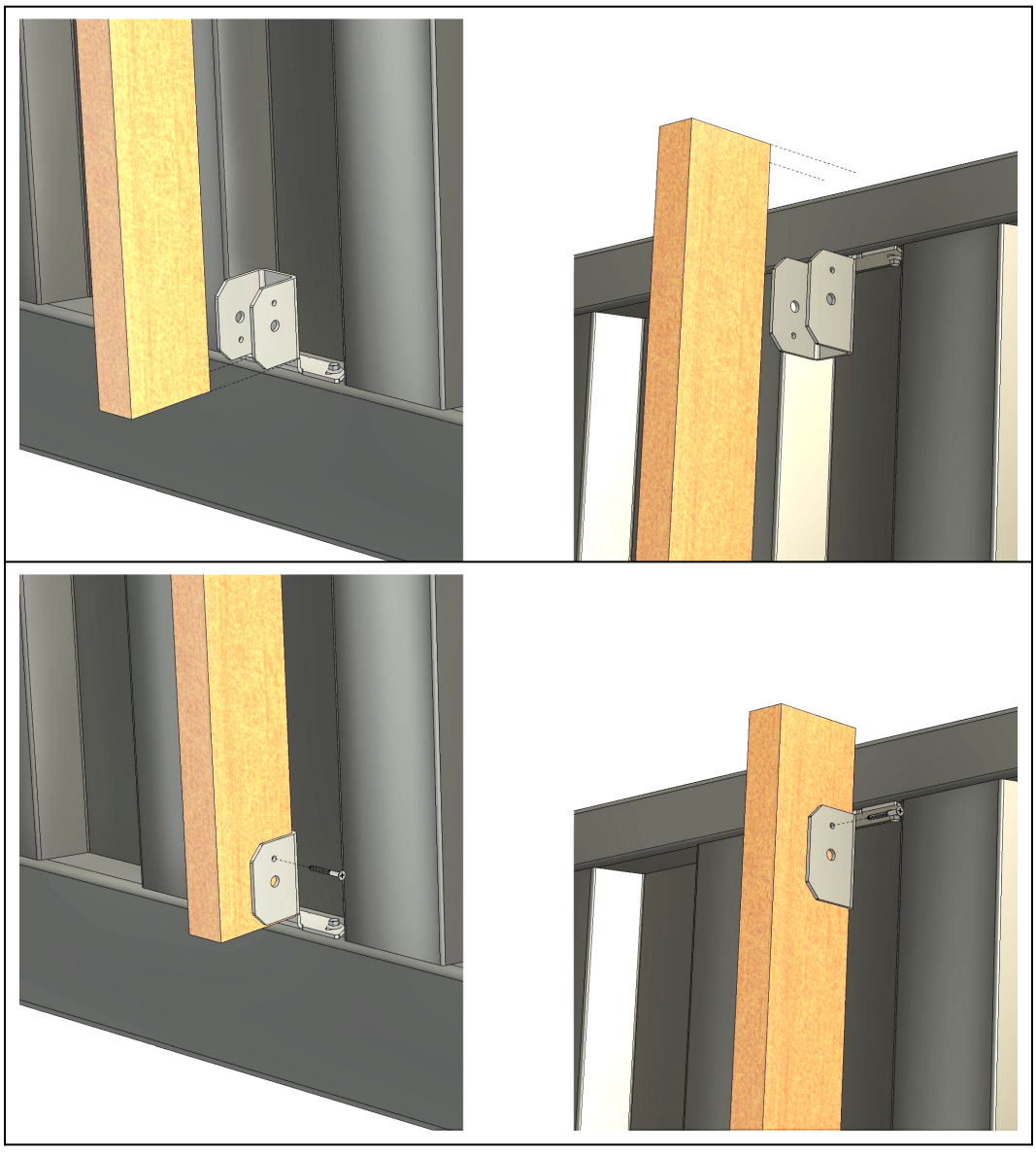


Figure 10 - End Wall Stud Installation

FRAMING CUT LIST			
FUNCTION	COMPONENT	CUT LENGTH	COUNT
END WALL ROOF STUD	2 x 4 WOOD STUD	1' - 6 1/2"	4
CORNER FRAMING	2 x 4 WOOD STUD	7' - 11"	6
END WALL FRAMING	2 x 4 WOOD STUD	7' - 11"	4
SIDE WALL FRAMING	2 x 4 WOOD STUD	7' - 11"	20
BOTTOM PLATE END WALL	2 x 4 WOOD STUD	8' - 0"	1
ROOF STUD	2 x 4 WOOD STUD	8' - 4"	11
TOP PLATE END WALL	2 x 4 WOOD STUD	8' - 4"	1
BOTTOM PLATE SIDE WALL	2 x 4 WOOD STUD	10' - 0"	4
TOP PLATE SIDE WALL	2 x 4 WOOD STUD	10' - 0"	4

Framing Cut List Notes

- Every container is different so these lengths are only meant to provide rough dimensions. Measure to check lengths after installing brackets to ensure accuracy
- Add 1’ - 0” to vertical stud lengths for high cube containers
- Other sizes of dimensional lumber are compatible with framing brackets but will change the cut lengths of horizontal studs

YouTube Video